

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A process of manufacturing an inductive component intended to be installed on a printed circuit and including at least one winding and a magnetic core, the process comprising:

- winding a wire having ends to form a winding in the form of a flat coil, the winding step being performed without using a former;
- connecting the ends of the winding to inner ends of connecting terminals;
- overmoulding a body from a block of an insulating material onto the coil and onto the inner ends of the connecting terminals so that a lower face of the body is at least generally orthogonal to an axis of the coil, the body including a central opening formed therethrough which passes along the axis of the coil; and
- placing a core made of ferrite on the body such that the core surrounds the body in a center plane containing the axis of the coil and has a center core element passing through the opening of the body.

Claim 2 (withdrawn)

3. (original) A process according to claim 1, further comprising bonding the coil to a grid that has the connecting terminals formed thereon.
4. (original) A process in accordance with claim 1, wherein the core comprises core elements bonded to each other with a non-magnetic adhesive.

Serial No. 10/085,309 to Kummel
Reply to Office Action of September 24, 2003
Art Unit: 3729
Page 4

Claims 5–6 (withdrawn)

7. (original) A process in accordance with claim 1, wherein the step of overmoulding is performed via an injection process using a thermoplastic polymer.

8. (original) A process in accordance with claim 7, wherein, during the injection process, the thermoplastic polymer is injected at a temperature higher than 300° C.

9. (original) A process in accordance with claim 7, wherein, during the injection process, the injection pressure ranges from to 40 to 60 bars.

10. (original) A process in accordance with claim 7, wherein the injection cycle time of the injection process is less than 15 seconds.

Claims 11–17 (withdrawn)